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Methods and apparatus for conducting electrical current

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Abstract of CN 101385203 (A)

An electrode assembly (10) for use with a living subject includes a substrate (12) having first and second openings (20,22) extending therethrough, and a first terminal (14) at least partially received within the first opening. The first terminal includes an end portion having a first size. At least a portion of the first terminal is configured to conduct electrical current. A second terminal (16) is at least partially received within the second opening. The second terminal includes an end portion having a second size that is different than the first size of the first terminal end portion. At least a portion of the second terminal is configured to conduct electrical current. The assembly also includes a first electrolytic element (18) configured to transfer electrical current between the skin of a living subject the first terminal, and a second electrolytic element (19) configured to transfer electrical current between the skin of a living subject and the second terminal.

